

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Toshihito YANASHIMA et al.**

Serial No.: **Not Yet Assigned**

Filed: **March 27, 2001**

For: **SEALED MOTOR COMPRESSOR**

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

March 27, 2001

Sir:

Prior to the calculation of the filing fees of the above application, please amend the application as follows:

**IN THE CLAIMS:**

Please amend claims 4-8 and 11-15 as follows:

4. (Amended) The sealed motor compressor according to claim 2 wherein the stator winding comprises a main winding and an auxiliary winding, and a winding ratio of the respective windings by effective winding number calculation is set to be in a range of  $1.0 \pm 0.5$ .

5. (Amended) The sealed motor compressor according to claim 1 wherein the squirrel-cage secondary conductor of the rotor comprises a skewed structure.

6. (Amended) The sealed motor compressor according to claim 1 wherein the permanent magnet is a rare earth magnet.

7. (Amended) The sealed motor compressor according to claim 1 wherein the number of permanent magnets embedded in the rotor yoke is any number selected from the group consisting of two, four, six and eight.

8. (Amended) The sealed motor compressor according to claim 1 further comprising current-sensitive protection means for detecting a line current.

11. (Amended) The sealed motor compressor according to claim 9 wherein the squirrel-cage secondary conductor of the rotor comprises a skewed structure, and a skew pitch is set to more than 0, and 1.5 slot pitches or less.

12. (Amended) The sealed motor compressor according to claim 9 wherein the permanent magnet is a rare earth magnet.

13. (Amended) The sealed motor compressor according to claim 9 wherein the number of permanent magnets embedded in the rotor yoke is any even number.

14. (Amended) The sealed motor compressor according to claim 9, further comprising current-sensitive protection means for detecting a line current.

15. (Amended) The sealed motor compressor according to claim 9 wherein capability control is possible.

REMARKS

The above amendment is believed to place the claims in proper condition for examination.  
Early and favorable action is awaited.

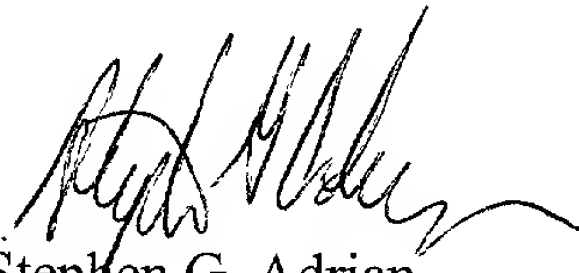
Claims 4-8 and 11-15 have been amended.

Attached hereto is a marked-up version of the changes made to claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In the event there are any additional fees required, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES NAME

Claims 4-8 and 11-15 have been amended as follows:

4. (Amended) The sealed motor compressor according to claim 2 [or 3] wherein the stator winding comprises a main winding and an auxiliary winding, and a winding ratio of the respective windings by effective winding number calculation is set to be in a range of  $1.0 \pm 0.5$ .

5. (Amended) The sealed motor compressor according to [any one of claims 1 to 4] claim 1 wherein the squirrel-cage secondary conductor of the rotor comprises a skewed structure.

6. (Amended) The sealed motor compressor according to [any one of claims 1 to 5] claim 1 wherein the permanent magnet is a rare earth magnet.

7. (Amended) The sealed motor compressor according to [any one of claims 1 to 6] claim 1 wherein the number of permanent magnets embedded in the rotor yoke is any number selected from the group consisting of two, four, six and eight.

8. (Amended) The sealed motor compressor according to [any one of claims 1 to 7] claim 1 further comprising current-sensitive protection means for detecting a line current.

11. (Amended) The sealed motor compressor according to claim 9 [or 10] wherein the squirrel-cage secondary conductor of the rotor comprises a skewed structure, and a skew pitch is set to more than 0, and 1.5 slot pitches or less.

12. (Amended) The sealed motor compressor according to claim 9[,10 or 11] wherein the permanent magnet is a rare earth magnet.

13. (Amended) The sealed motor compressor according to [any one of claims 9 to 12] claim 9 wherein the number of permanent magnets embedded in the rotor yoke is any even number.

14. (Amended) The sealed motor compressor according to [any one of claims 9 to 13] claim 9, further comprising current-sensitive protection means for detecting a line current.

15. (Amended) The sealed motor compressor according to [any one of claims 9 to 14] claim 9 wherein capability control is possible.